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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): AO et al.

Serial No.: 10/717,902

Filed: November 21, 2003

Title: **MAGNETIC IMPEDANCE DEVICE,  
SENSOR APPARATUS USING THE  
SAME AND METHOD FOR  
MANUFACTURING THE SAME**



Atty. Dkt.: 01-527

Group Art Unit: 2862

Examiner: LINDSAY JR., Walter Lee

Commissioner for Patents  
Alexandria, VA 22313-1450

Date: December 7, 2006

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56, the reference(s) listed on the attached Form PTO-1449 is/are being brought to the attention of the Examiner without any admission that it/they constitute(s) statutory prior art, or without any admission that it/they contain(s) subject matter that anticipates the invention or renders the invention obvious to a person of ordinary skill in the art.

Further, pursuant to 37 C.F.R. §1.97(e), the undersigned hereby certifies that each listed reference was first cited in a Communication (copy and English translation enclosed) from a foreign patent office in connection with a counterpart foreign application not more than three months prior to the filing of this statement.

Although no fees are believed to be due at this time, it is respectfully requested that any such fees be charged to Deposit Account 50-1147. Also, the Examiner is requested to initial the attached PTO Form-1449 and to return a copy of same to the undersigned attorney as proof that the listed reference(s) has/have been considered and made of record.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "D. G. Posz".

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|---|---------------|-------------------|----------|------------|
| FORM PTO-1476<br><b>PTO</b><br>DEC 07 2006<br>PATENT & TRADEMARK OFFICE | ATTY. DKT NO. | 01-527            | SER. NO. | 10/717,902 |
|   | APPLICANT     | AO et al.         |          |            |
|   | FILING DATE   | November 21, 2003 | GROUP    | 2862       |

## REFERENCE DOCUMENTATION

## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL |  | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
|------------------|--|-----------------|------|------|-------|-----------|
|                  |  |                 |      |      |       |           |
|                  |  |                 |      |      |       |           |

## FOREIGN PATENT DOCUMENTS

## TRANSLATION

|  |  | DOCUMENT NUMBER | DATE     | COUNTRY | NAME | CLASS | SUB CLASS | YES         | NO |               |
|--|--|-----------------|----------|---------|------|-------|-----------|-------------|----|---------------|
|  |  |                 |          |         |      |       |           |             |    | Eng. Abstract |
|  |  | JP-A-05-288571  | 11/2/93  | JAPAN   |      |       |           |             |    | X             |
|  |  | JP-U-H02-129813 | 10/25/90 | JAPAN   |      |       |           | X (Partial) |    |               |
|  |  | JP-A-06-324061  | 11/25/94 | JAPAN   |      |       |           |             |    | X             |
|  |  | JP-A-08-178937  | 7/12/96  | JAPAN   |      |       |           |             |    | X             |

\* Full English text is available in machine-translated form in JPO (Japanese Patent Office) English language web site at <http://www1.ipdl.jpo.go.jp/PA1/cgi-bin/PA1INDEX>.

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

|          |  |   |
|----------|--|---|
|          |  | Decision for Refusal from Japanese Patent Office issued on November 21, 2006 for the corresponding Japanese patent application No. 2003-058899 (a copy and English translation thereof) |
|          |  | Decision for Refusal from Japanese Patent Office issued on November 21, 2006 for the corresponding Japanese patent application No. 2003-058900 (a copy and English translation thereof) |
| EXAMINER |  | DATE CONSIDERED   |